

Amendments to the Claims:

Please amend claims 16 and 22 and add new claims 43-66 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

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List*

Claim 1 (Previously Presented). A camera comprising:
photographing means;
positioning means;
positioning timing control means for causing said
5 positioning means to execute positioning at a predetermined
timing asynchronous to a photographing timing of said
photographing means to thereby obtain positional information;
memory means for storing a plurality of images photographed
by said photographing means; and
10 memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images.

Claims 2-7 (Cancelled).

Claim 8 (Previously Presented). A camera comprising:

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photographing means;

positioning means;

positioning timing control means for causing said

5 positioning means to execute positioning to thereby obtain
positional information when a predetermined time has passed
without photographing after the photographing of said
photographing means;

memory means for storing a plurality of images photographed
10 by said photographing means; and

memory control means for storing said positional information
obtained by said positioning timing control means in said memory
means in association with said plurality of photographed images.

Claim 9 (Previously Presented). A camera comprising:

photographing means;

positioning means;

photographing instruction means for instructing
5 photographing by said photographing means;

photographing control means for performing photographing
using said photographing means to acquire a photographed image

when photographing is instructed by said photographing instruction means;

10 positioning timing control means for causing said positioning means to execute positioning to thereby acquire positional information when photographing is instructed by said photographing instruction means;

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Conf memory means for storing a plurality of images photographed by said photographing means;

 first memory control means for storing said positional information acquired by said positioning timing control means in said memory means in association with a photographed image acquired by said photographing control means; and

20 second memory control means for storing the photographed image acquired by said photographing control means in said memory means in association with said positional information stored in said memory by said first memory control means when photographing is instructed by said photographing instruction means during the 25 positioning of said positioning means.

Claims 10-11 (Cancelled).

Claim 12 (Previously Presented). A camera comprising:

photographing means having a series photographing capability, for acquiring image data of a subject;

positioning means for executing positioning to obtain 5 positional information;

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timing control means for controlling a timing at which said positioning means executes positioning to obtain the positional information;

series photographing instruction means for providing a 10 series photographing instruction to said photographing means to carry out series photographing;

series photographing control means for performing such control as to cause said photographing means to execute series photographing to acquire a plurality of photographed images in 15 response to said series photographing instruction given by said series photographing instruction means;

memory means for storing said plurality of photographed images acquired under control of said series photographing control means; and

20 memory control means for storing said positional information obtained by said positioning means in said memory means in association with each of said plurality of photographed images acquired by said photographing means.

Claims 13-14 (Cancelled).

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Claim 15 (Previously Presented). A camera comprising:

photographing means having a series photographing capability for acquiring image data of a subject;

positioning means for executing positioning to obtain 5 positional information;

series photographing instruction means for providing a series photographing instruction to said photographing means to carry out series photographing;

series photographing control means for performing such 10 control as to cause said photographing means to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing means;

timing control means for controlling a timing at which said 15 positioning means executes positioning to obtain the positional information when said photographing means executes series photographing;

memory means for storing said plurality of photographed 20 images acquired under control of said series photographing control means; and

memory control means for storing said positional information obtained by said positioning means in said memory means in association with said plurality of photographed images acquired by said photographing means.

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Claim 16 (Currently Amended). A camera comprising:
photographing means having a series photographing capability for acquiring image data of a subject;

positioning means for executing positioning to obtain
5 positional information;

series photographing instruction means for giving a series photographing instruction to said photographing means to carry out series photographing;

series photographing control means for performing such
10 control as to cause said photographing means to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing instruction means;

first positioning timing control means for controlling said
15 timing in such a way that said positioning means executes positioning to acquire first positional information before or immediately after said series photographing instruction is given by said series photographing instruction means [;], and

second positioning timing control means for controlling said
20 timing in such a way that said positioning means executes
positioning to acquire second positional information immediately
before or immediately after series photographing by said series
photographing control means is finished;

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said camera further comprises positional information
25 computing means for computing new positional information using
said first and second positional information; and
~~memory means for storing said plurality of photographed~~
~~images acquired under control of said series photographing~~
~~control means, and~~
30 ~~memory control means for storing said positional information~~
~~obtained by said positioning means in said memory means in~~
~~association with said plurality of photographed images acquired~~
~~by said photographing means,~~

~~wherein~~ said memory control means stores said positional
35 information computed by said positional information computing
means in said memory means in association with said plurality of
photographed images acquired by said series photographing control
means.

Claim 17 (Cancelled).

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Claim 18 (Previously Presented). A camera comprising:
photographing means for acquiring image data of a subject;
positioning means for executing positioning to acquire
positional information; and
5 means for inhibiting photographing by said photographing
means while positioning is carried out by said positioning means.

Claim 19 (Previously Presented). A camera comprising:
photographing means for acquiring image data of a subject;
positioning means for executing positioning to acquire
positional information; and
5 notification means for notifying positioning being in
progress while positioning is carried out by said positioning
means.

Claims 20-21 (Cancelled).

Claim 22 (Previously Presented). A camera comprising:
photographing means;
positioning means for executing positioning asynchronously
to a photographing timing of said photographing means; and
5 control means for controlling a positioning operation
executed by said positioning means and a photographing operation

executed by said photographing means in such a way that a positioning timing of said positioning means and a photographing timing of said photographing means do not overlap with each other.

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Claims 23-33 (Cancelled).

Claim 34 (Previously Presented). A camera comprising:
a photographing device;
a positioning device;
a positioning timing control device which causes said 5 positioning device to execute positioning at a predetermined timing asynchronous to a photographing timing of said photographing device to thereby obtain positional information;
a memory for storing a plurality of images photographed by said photographing device; and
10 a memory controller which stores said positional information obtained by said positioning timing control device in said memory in association with said plurality of photographed images.

Claim 35 (Previously Presented). A camera comprising:
a photographing device;
a positioning device;

a positioning timing control device which causes said
5 positioning device to execute positioning to thereby obtain
positional information when a predetermined time has passed
without photographing after the photographing of said
photographing device;

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a memory which stores a plurality of images photographed by
10 said photographing device; and

a memory control device which stores said positional
information obtained by said positioning timing control device in
said memory in association with said plurality of photographed
images.

Claim 36 (Previously Presented). A camera comprising:

a photographing device;
a positioning device;
a photographing instruction device which instructs
5 photographing by said photographing device;
a photographing control device which performs photographing
using said photographing device to acquire a photographed image
when photographing is instructed by said photographing
instruction device;
10 a positioning timing control device which causes said
positioning device to execute positioning to thereby acquire

positional information when photographing is instructed by said photographing instruction device;

15 a memory which stores a plurality of images photographed by said photographing means;

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 a first memory control device which stores said positional information acquired by said positioning timing control device in said memory in association with a photographed image acquired by said photographing control device, and

20 a second memory control device which stores the photographed image acquired by said photographing control device in said memory in association with said positional information stored in said memory by said first memory control device when photographing is instructed by said photographing instruction device during the positioning of said positioning device.

Claim 37 (Previously Presented). A camera comprising:

a photographing device having a series photographing capabilities, for acquiring image data of a subject;

5 a positioning device which executes positioning to obtain positional information;

a timing control device which controls a timing at which said positioning device executes positioning to obtain the positional information;

10 a series photographing instruction device which provides a series photographing instruction to said photographing device to carry out series photographing;

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 a series photographing control device which performs such control as to cause said photographing device to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing instruction device;

 a memory which stores said plurality of photographed images acquired under control of said series photographing control device; and

20 a memory controller which stores said positional information obtained by said positioning device in said memory in association with said plurality of photographed images acquired by said photographing device.

Claim 38 (Previously Presented). A camera comprising:

 a photographing device having a series photographing capability for acquiring image data of a subject;

5 a positioning device which executes positioning to obtain positional information;

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10 a series photographing instruction device which provides a series photographing instruction to said photographing device to carry out series photographing;

15 a series photographing controller which performs such control as to cause said photographing device to execute series photographing to acquire a plurality of photographed images in response to said series photographing instruction given by said series photographing device;

20 a timing controller which controls a timing at which said positioning device executes positioning to obtain the positional information when said photographing device executes series photographing;

a memory which stores said plurality of photographed images acquired under control of said series photographing controller;

20 and

a memory controller which stores said positional information obtained by said positioning device in said memory in association with said plurality of photographed images acquired by said photographing device.

Claim 39 (Previously Presented). A camera comprising:

a photographing device having a series photographing capability which acquires image data of a subject;

a positioning device which executes positioning to obtain
5 positional information;

a series photographing instruction device which provides a
series photographing instruction to said photographing device to
carry out series photographing;

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a series photographing controller which performs such
10 control as to cause said photographing device to execute series
photographing to acquire a plurality of photographed images in
response to said series photographing instruction given by said
series photographing instruction device;

a first positioning timing controller which controls said
15 timing in such a way that said positioning device executes
positioning to acquire first positional information before or
immediately after said series photographing instruction is given
by said series photographing instruction device;

a second positioning timing control device which controls
20 said timing in such a way that said positioning device executes
positioning to acquire second positional information immediately
before or immediately after series photographing by said series
photographing control device is finished;

a positional information computing device which computes new
25 positional information using said first and second positional
information;

a memory which stores said plurality of photographed images acquired under control of said series photographing controller; and

30 a memory controller which stores said positional information obtained by said positioning device in said memory in association with said plurality of photographed images acquired by said photographing device,

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wherein said memory controller stores said positional
35 information computed by said positional information computing
device in said memory in association with said plurality of
photographed images acquired by said series photographing
controller.

Claim 40 (Previously Presented). A camera comprising:

a photographing device which acquires image data of a subject;

5 a positioning device which executes positioning to acquire positional information; and

an inhibiting device which inhibits photographing by said photographing device while positioning is carried out by said positioning device.

Claim 41 (Previously Presented). A camera comprising:

a photographing device which acquires image data of a subject;

5 a positioning device which executes positioning to acquire positional information; and

a notification device which notifies positioning being in progress while positioning is carried out by said positioning device.

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Claim 42 (Previously Presented). A camera comprising:

a photographing device;
a positioning device for executing positioning asynchronously to a photographing timing of said photographing 5 device; and

a controller which controls a positioning operation executed by said positioning device and a photographing device executed by said photographing device in such a way that a positioning timing of said positioning device and a photographing timing of said 10 photographing device do not overlap each other.

Claim 43 (New). The camera according to claim 1, wherein said predetermined timing for obtaining said positional information is when said camera is powered on or powered off .

Claim 44 (New). The camera according to claim 1, wherein said predetermined timing for obtaining said positional information is when a photographing mode is set or is released.

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Claim 45 (New). The camera according to claim 1, wherein said predetermined timing for obtaining said positional information is when a date is changed.

Claim 46 (New). The camera according to claim 1, wherein said predetermined timing for obtaining said positional information is when a folder for storing an image photographed by said photographing means is changed or newly provided.

Claim 47 (New). The camera according to claim 1, further comprising positioning instruction means for giving a position instruction to said photographing means, wherein said positioning timing control means controls the positioning timing of said 5 positioning means in accordance with the positioning instruction of said positioning instructions means.

Claim 48 (New). The camera according to claim 1, further comprising:

photographing instruction means for giving a photographing instruction to said photographing means; and

5 positioning instruction means for giving a positioning instruction to said photographing means,

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wherein said positioning timing control means controls the positioning timing of said positioning means in accordance with the positioning instruction of said positioning instruction means.

10 Claim 49 (New). The camera according to claim 1, further comprising:

photographing instruction means for instructing photographing by said photographing means, and

5 photographing control means for performing photographing using said photographing means to acquire a photographed image when photographing is instructed by said photographing instruction means, and

wherein said positioning timing control means executes 10 positioning by using said positioning means to thereby acquire positional information when photographing is instructed by said photographing instruction means; and

said memory control means includes:

first memory control means for storing said positional
15 information acquired by said positioning timing control means in
said memory means in association with a photographed image
acquired by said photographing control means; and

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second memory control means for storing a photographed image
whose photographing is instructed by said photographing
20 instruction means before a predetermined time elapses from a
predetermined timing after a photographing instruction given by
said photographing instruction means and which is acquired by
said photographing control means in said memory means in
association with said positional information stored in said
25 memory by said first memory control means.

Claim 50 (New). A photographing location memorizing method
for a camera having photographing means and positioning means,
comprising the steps of:

causing said positioning means to execute positioning at a
5 timing asynchronous to a photographing timing of the
photographing means to acquire positional information and causing
said photographing means to photograph an image; and

storing a plurality of images acquired by said photographing
means and storing said positional information in association with
10 said plurality of photographed images.

Claim 51 (New). The camera according to claim 12, wherein said timing which is controlled by said timing control means is before or immediately after said series photographing instruction is given by said series photographing instruction means.

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Claim 52 (New). The camera according to claim 12, wherein said timing which is controlled by said timing control means is immediately before or immediately after said series photographing is finished.

Claim 53 (New). A photographing location memorizing method for a camera having photographing means for acquiring image data of a subject, positioning means for acquiring positional information and a series of photographing capability, comprising:

5 causing said positioning means to execute positioning at a predetermined timing to acquire positional information and causing said photographing means to carry out series photographing in response to a series photographing instruction; and

10 storing a plurality of photographed images acquired by said series photographing and storing said positional information in association with each of said plurality of photographed images.

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Claim 54 (New). The camera according to claim 1, further comprising positioning instruction means for giving a positioning instruction immediately before or immediately after said photographing instruction is given by said photographing instruction means, wherein said positioning timing control means controls a positioning timing of said positioning means in response to said positioning instruction from said positioning instruction means.

Claim 55 (New). The camera according to claim 1, wherein positioning timing control means controls said positioning means in such a way that positioning is carried out at a predetermined time interval.

Claim 56 (New). The camera according to claim 22, further comprising priority operation setting means for selectively setting a priority of one of said positioning operation by said positioning means and said photographing operation by said 5 photographing means over the other when said positioning operation and said photographing operation overlap each other; and

wherein said control means performs control to inhibit said positioning operation or said photographing operation based on a 10 result of setting by said priority operation setting means.

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Claim 57 (New). The camera according to claim 18, further comprising memory means for storing a photographed image acquired by said photographing means in association with said positioning information acquired by said positioning means.

Claim 58 (New). The camera according to claim 18, further comprising positioning timing control means for controlling said positioning means in such a way that positioning is carried out immediately before or immediately after photographing executed by 5 said photographing means.

Claim 59 (New). The camera according to claim 19, further comprising positioning timing control means for controlling said positioning means in such a way that positioning is carried out immediately before or immediately after photographing executed by 5 said photographing means.

Claim 60 (New). The camera according to claim 59, wherein said notification means includes a display lamp or a sound output unit.

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Claim 61 (New). The camera according to claim 18, further comprising positioning timing control means for controlling said positioning means in such a way that positioning is carried out at a predetermined time interval.

Claim 62 (New). The camera according to claim 19, further comprising positioning timing control means for controlling said positioning means in such a way that positioning is carried out at a predetermined interval.

Claim 63 (New). The camera according to claim 62, wherein said notification means includes a display lamp or a sound output unit.

Claim 64 (New). The camera according to claim 18, further comprising photographing instruction means for giving a photographing instruction to said photographing means.

Claim 65 (New). The camera according to claim 19, further comprising photographing instruction means for giving a photographing instruction to said photographing means.

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and

Claim 66 (New). A positioning information acquisition method for a camera having photographing means and positioning means, comprising:

executing photographing by said photographing means,
5 executing positioning by said positioning means to acquire positional information, and

controlling a positioning operation executed by said positioning means and a photographing operation executed by said photographing means in such a way that a positioning timing of 10 said positioning means and a photographing timing of said photographing means do not overlap each other.
